



**National
Aeronautical
Laboratory**

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Title : EXPERIMENTAL STUDIES ON A
1/10TH SCALE MODEL OF AGNI-
PAYLOAD MISSILE

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Abstract :

Wind tunnel tests were carried out to determine the aerodynamic characteristics of a 1/10th scale AGNI-payload missile model. The tests were conducted in the NAL 1.2M Trisonic Wind Tunnel at Mach numbers from 0.5 to 4.0 through an angle of attack range of -5° to 15° . The Reynolds number (based on diameter) range was 1.6 millions to 3.5 millions. The results are presented in tabular and graphical form.